

**INFORMATION DISCLOSURE
CITATION**

ATTY. DOCKET NO.

3691-356

SERIAL NO.

10/003,436

APPLICANT

VEERASAMY et al.

FILING DATE

December 6, 2001

GROUP

1762

U.S. PATENT DOCUMENTS

*EXAMINER
INITIAL

DOCUMENT NUMBER

DATE

NAME

CLASS

SUBCLASS

FILING DATE
IF APPROPRIATE

6,277,480

8/2001

Veerasamy et al.

6,280,834

8/2001

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11/2001

Veerasamy et al.

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7/2001

Veerasamy

6,335,086

1/2002

Veerasamy

FOREIGN PATENT DOCUMENTS

DOCUMENT

DATE

COUNTRY

CLASS

SUBCLASS

TRANSLATION

YES NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)

**INFORMATION DISCLOSURE
CITATION**

(Use several sheets if necessary)

ATTY. DOCKET NO.

3691-356

APPLICANT

VEERASAMY et al.

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December 6, 2001

SERIAL NO.

GROUP

1c872 U.S. PTO
10/003436

12/06/01

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,415,297	5/1995	Hirayama et al.			
	5,425,983	6/1995	Propst et al.			
	5,474,816	12/1995	Falabella			
	5,510,186	4/1996	Suizbach			
	5,939,140	8/1999	Jang et al.			
	5,965,216	10/1999	Neuberger et al.			
	5,122,249	6/1992	Niemann et al.			
	5,378,527	1/1995	Nakanishi et al.			
	5,643,423	7/1997	Kimock et al.			
	5,844,225	12/1998	Kimock et al.			
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	5,879,775	3/1999	Walter et al.			
	5,518,780	5/1996	Tamor et al.			
	6,002,208	12/1999	Maishev et al.			
	6,001,431	12/1999	Itoh et al.			
	6,046,758	4/2000	Brown et al.			
	5,508,368	4/1996	Knapp et al.			
	5,888,593	3/1999	Petrmichl et al.			
	5,135,808	8/1992	Kimock et al.			
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	5,527,596	6/1996	Kimock et al.			
	5,989,693	11/1999	Yamasaki et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

Dissertation entitled "Tetrahedral Amorphous Carbon Deposition, Characterisation and Electronic Properties, VEERASAMY, Univ. of Cambridge, July 1994, pgs. 1-295.

*Examiner

Date Considered

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[Signature]</i>	5,378,527	1/1995	Nakanishi et al.			
	5,616,179	4/1997	Baldwin et al.			
	5,455,081	10/1995	Okada et al.			
	4,816,291	3/1999	Desphandey et al.			
	5,624,718	4/1997	Dearnaley			
	5,635,258	6/1997	Chen et al.			
	5,653,812	8/1997	Petrmichl et al.			
	5,679,269	10/1997	Cohen et al.			
	5,747,118	5/1998	Bunshah et al.			
	5,795,648	8/1998	Goel et al.			
	5,837,357	11/1998	Matsuo et al.			
	5,879,775	3/1999	Walter et al.			
	5,507,987	4/1996	Windischmann			
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	5,776,553	7/1998	Jaffe, et al.			
	5,792,254	8/1998	Windischmann			
	5,849,228	12/1998	Patton, Jr., et al.			
	5,863,605	1/1999	Bak-Boychuk et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

<i>[Signature]</i>	"Tetrahedral Amorphous Carbon Deposition, Characterisation and Electrode Properties" by Veerasamy, Univ. of Cambridge, July, 1994. <i>no page number</i>
	"ANSI Z26.1", Society of Automotive Engineers, American National Standards Institute, Inc., 1977. <i>no page number</i>
Examiner*	<i>[Signature]</i> Date Considered <i>[Signature]</i>

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

3691-356

11/23/36

VEERASAMY et al.

12-6-01

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE
✓	5 2 9 3 0 4 8	3/1994	LINGLE, ST. AL.			
	5 3 4 4 7 8	9/1994	HARTIG, ST. AL.			
	5 3 7 6 4 5 5	17/1994	HARTIG, ST. AL.			
	5 3 8 5 8 7 2	1/1995	GULOTTA, ST. AL.			
	5 4 3 5 9 0 0	7/1995	GORKHOVSKY			
	5 5 0 6 0 3 8	4/1996	KNAPP, ST. AL.			
	5 5 1 4 4 7 6	5/1996	HARTIG, ST. AL.			
	5 4 2 5 8 6 1	6/1995	HARTIG, ST. AL.			
5 5 4 7 7 1 4	8/1996	HUCK, ST. AL.				
5 5 5 7 4 6 2	9/1996	HARTIG, ST. AL.				
5 6 1 2 2 6 2	3/1997	KLOSS, ST. AL.				

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Payment Pages, Etc.)

EXAMINER

DATE CONSIDERED

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U.S. DEPARTMENT OF COMMERCE

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use separate sheets if necessary)

3691-356

10/003430

Applicant

MURASAMY et al.

Filing Date

12-67-01

Control Art Unit

1767

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE
[Signature]	5 6 2 9 5 3 2	5/1947	MYRICK			
	5 6 3 5 2 4 5	6/1947	KIMOCK, ET. AL.			
	5 6 3 7 3 5 3	6/1947	KIMOCK, ET. AL.			
	5 6 8 8 5 8 5	11/1947	LUGLES, ET. AL.			
	5 7 3 6 4 7 6	4/1948	WATZKE, ET. AL.			
	4 7 4 6 5 3 3	5/1948	MACKOWSKI			
	5 7 7 0 3 2 1	6/1948	HARTIG, ET. AL.			
	5 7 7 6 6 0 0	7/1948	KATAYAMA, ET. AL.			
	5 7 7 6 6 1 2	7/1948	FISHER			
	5 7 7 6 8 4 5	7/1948	BOWLS, ET. AL.			
5 7 7 6 8 4 6	7/1948	SAKAGUCHI, ET. AL.				

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSMISSION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Reprint Pages, Etc.)

EXAMINER

[Signature]

DATE CONSIDERED

2/8/84

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U.S. DEPARTMENT OF COMMERCE

Form PTC-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Serial Number (Owner)

3691-356

10/00343

Inventor

VEERASAMY et al

Filing Date

12-6-01

Cross Ref Unit

1762

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	PRING DATE IF APPROPRIATE
194	5 718 3 30 9	7/1998	FAURE, ET. AL.			
	5 719 8 1 3 9	8/1998	NAGASHIMA, ET. AL.			
	5 810 0 9 3 3	9/1998	HARTIG, ET. AL.			
	5 824 3 7 4	10/1998	BRADLEY, JR., ET. AL.			
	5 833 0 3 3 2	11/1998	BABICH, ET. AL.			
	5 836 8 1 2	11/1998	SHELESTAK, ET. AL.			
	5 837 1 0 8	11/1998	LINGLE, ET. AL.			
	5 846 6 1 3	12/1998	NEUVILLE			
	5 846 6 4 9	12/1998	KNAPP, ET. AL.			
	5 849 4 1 3	12/1998	ZHU, ET. AL.			
	5 851 9 4 0	12/1998	BOULOS, ET. AL.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Patent Pages, Etc.)

EXAMINER

DATE CONSIDERED

2/1/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTC-1449		Serial Number (Optional) 3691-356		Application Number 16 003480	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION <small>(Use several sheets if necessary)</small>		Inventor VEERASAMY et al.			
		Filing Date 12-6-01		Class Art Unit 1767	
U. S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
✓ 	5855641	1/1999	TANIGUCHI		
	5853477	1/1999	VEERASAMY, ET AL.		
	5855894	1/1999	NAGASHIMA, ET AL.		
	5858896	1/1999	NAGASHIMA, ET AL.		
	5873921	2/1999	HIRSTA, ET AL.		
	5877103	3/1999	DUPONT, ET AL.		
	5880552	3/1999	MCGILL, ET AL.		
FOREIGN PATENT DOCUMENTS					
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS
OTHER DOCUMENTS <small>(Including Author, Title, Date, Patent Pages, Etc.)</small>					
EXAMINER 		DATE CONSIDERED 			
<small>EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.</small>					

Sheet 9 of 12

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

3691-356

10003476

VEERASAMY et al.

File Date 12-6-01

Class Art Unit 176

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	PRINCIPAL DATE (IF APPROPRIATE)
[Signature]	32272	10/1982	FUNAKI, ET. AL.			
	4263350	4/1981	VALIMONT			
	4495263	1/1985	VAUDERVALK			
	4666802	9/1987	HUNG, ET. AL.			
	4816291	3/1989	DESPHANSKY, ET. AL.			
	4965156	10/1990	HOTORI, ET. AL.			
	5098737	3/1992	COLLINS, ET. AL.			
	5000831	3/1991	OSAWA, ET. AL.			
	5114396	9/1992	STERLING, ET. AL.			
	5352493	10/1994	DORFMAN, ET. AL.			
	5401316	3/1995	SHIRAIISHI, ET. AL.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Permanent Pages, Etc.)

EXAMINER	DATE CONSIDERED
[Signature]	2/1/90

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Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Serial Number (Continued)

3691-356

Application Number

10/007436

Inventor

VEERASAMY et al.

Filing Date

12-6-01

Class and Subclass

1767

U. S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE
VZ	5415427	3/1945	HIRAYAMA, ET. AL.			
	5437894	3/1945	OGAWA, ET. AL.			
	5503368	4/1946	KNAPP, ET. AL.			
	5614574	3/1947	SKETH			
	5624718	4/1947	DEARNLEY			
	5580605	12/1946	OGAWA, ET. AL.			
	5635258	4/1947	CHEN, ET. AL.			
	5653812	3/1947	PETRMICHL, ET. AL.			
	5674269	10/1947	COHEN, ET. AL.			
	5718976	7/1948	JOSEMAN, ET. AL.			
	5731046	3/1948	MISTRY, ET. AL.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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DATE CONSIDERED

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Sheet 11 of 12

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

3691-356

VEERASAMY et al.

1256-D1

Class Art. Class 1765

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE
Y	5776603	7/1/98	ZAGOUN, ET. AL.			
	57195648	8/1/98	GOEL, ET. AL.			
	5800918	9/1/98	CHARTIER, ET. AL.			
	5846613	12/1/98	NEUVILLE			
	5846649	12/1/98	KUAPP, ET. AL.			
	5858477	1/1/99	VEERASAMY, ET. AL.			
	5876753	2/1/99	TIMMONS, ET. AL.			
	5883593	3/1/99	PERMICHIL, ET. AL.			
	5900342	5/1/99	VISSE, ET. AL.			
	5953601	7/1/99	SALSMAN			
	5953996	7/1/99	EGITTO, ET. AL.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSMISSION YES NO

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